Fig.1

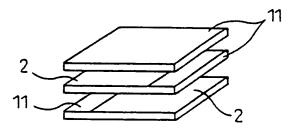


Fig.2

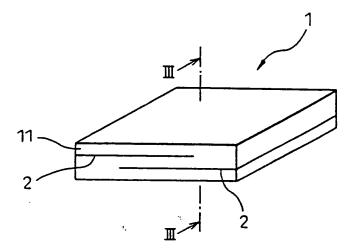
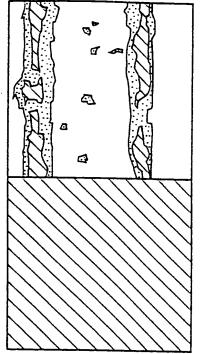


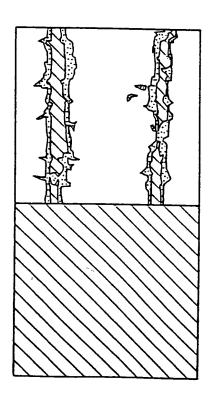
Fig.3



Cu DISTRIBUTION

O DISTRIBUTION

Fig.4



Cu DISTRIBUTION

O DISTRIBUTION

Fig.5

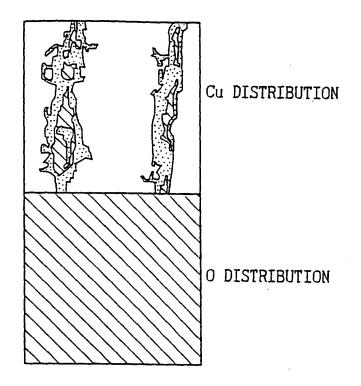


Fig.6

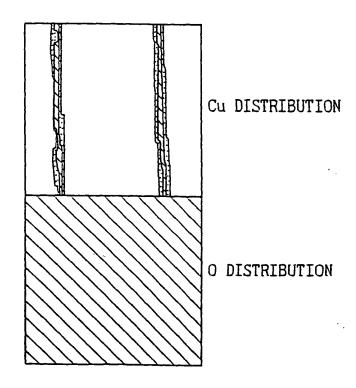


Fig.7

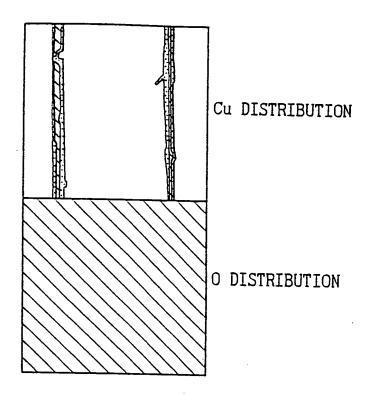


Fig.8

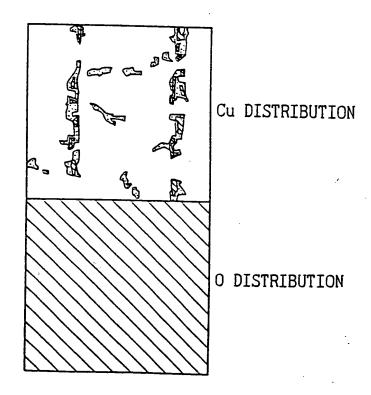
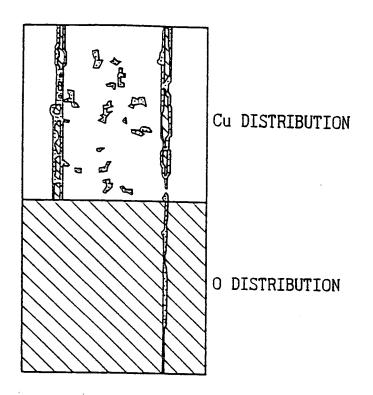


Fig.9



Fi g.10

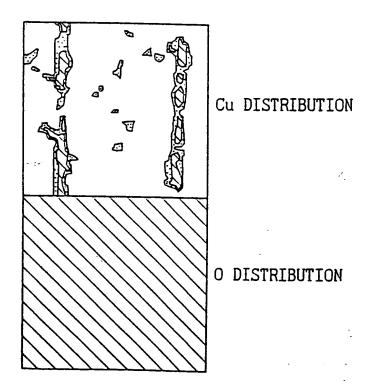


Fig.11

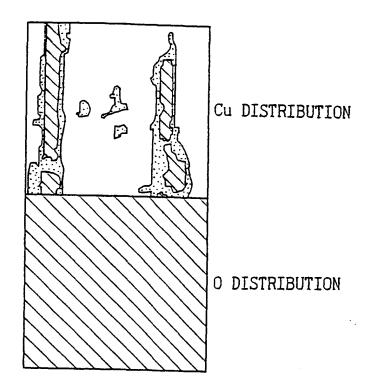


Fig.12

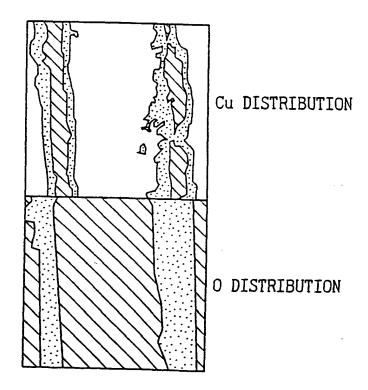
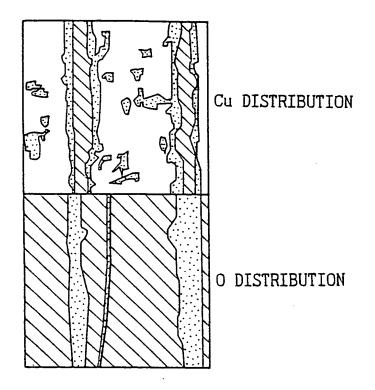


Fig.13



Fi g.14

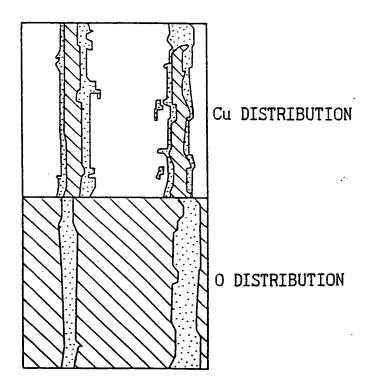


Fig.15

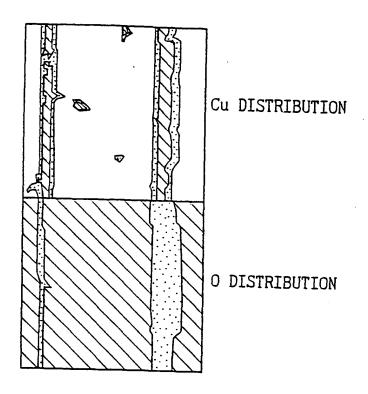


Fig.16

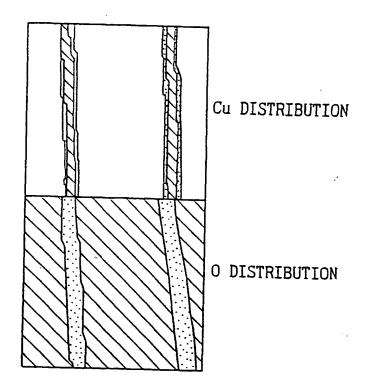
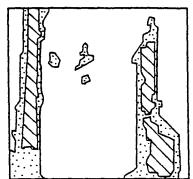
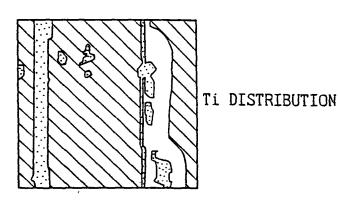


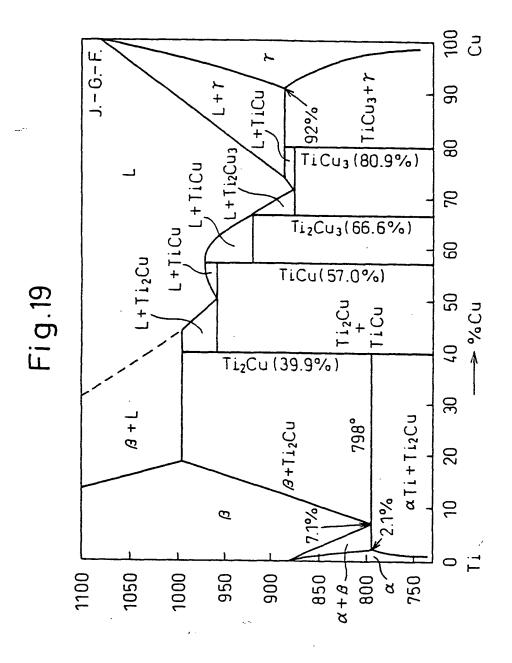
Fig.17

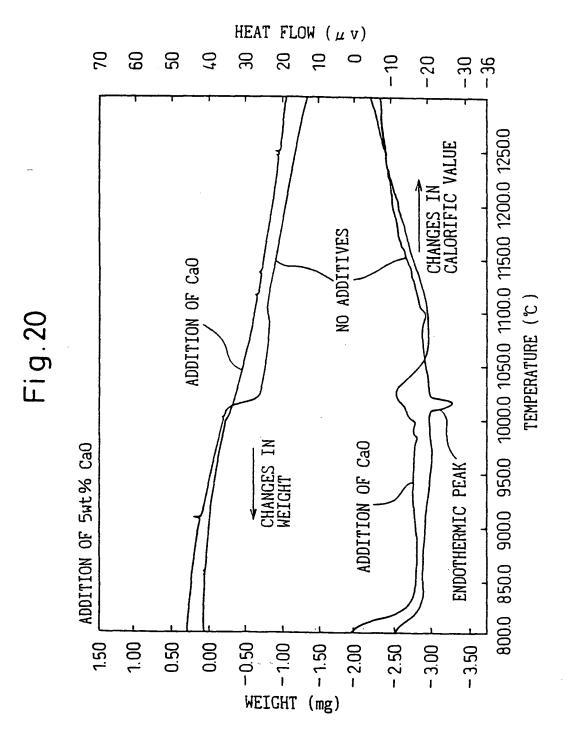


Cu DISTRIBUTION

Fig.18







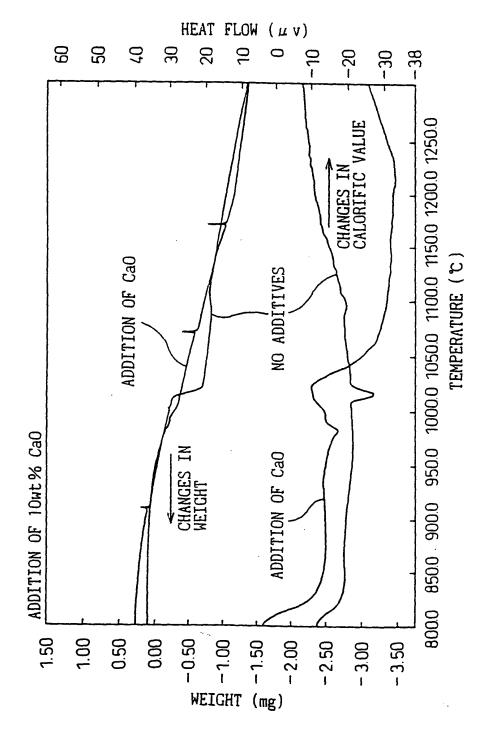
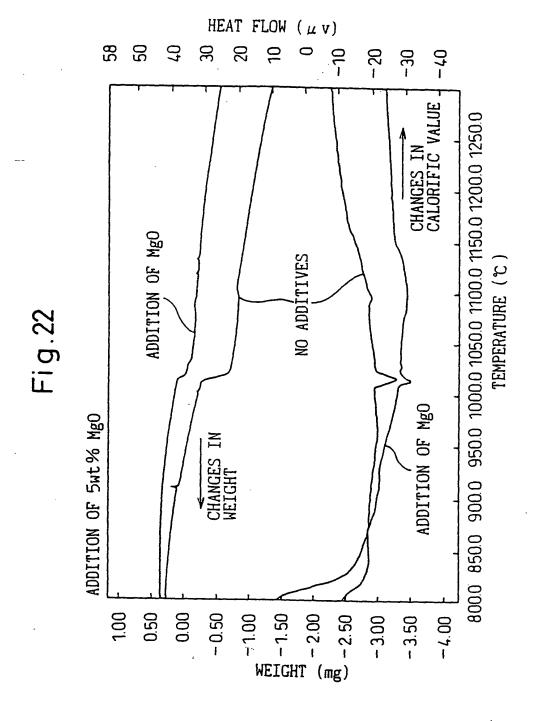
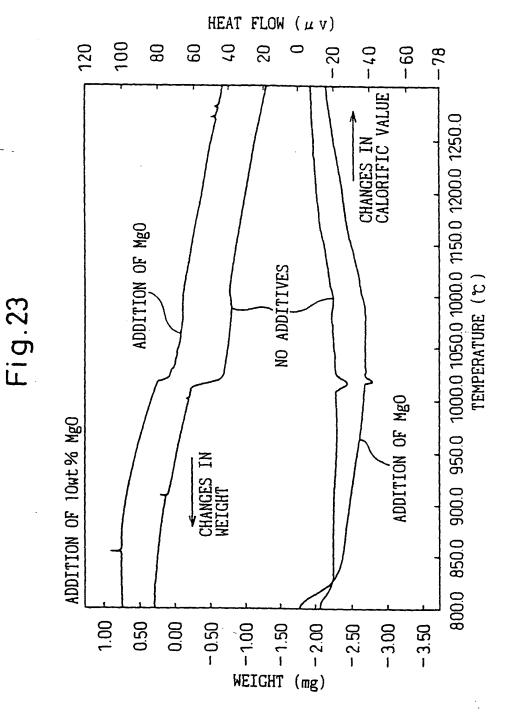


Fig.21



(^{t_{ir}.



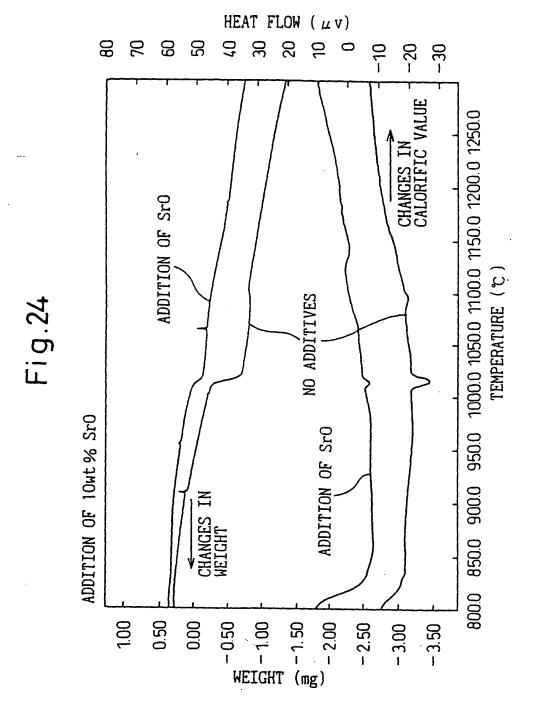


Fig. 25

Fig. 25

Pendothermy starting temperature

ENDOTHERMY FINISHING TEMPERATURE

1030
1025
1025
1015
1010
1005
0
5
10
15
ADDITION AMOUNT OF MgO (wt%)

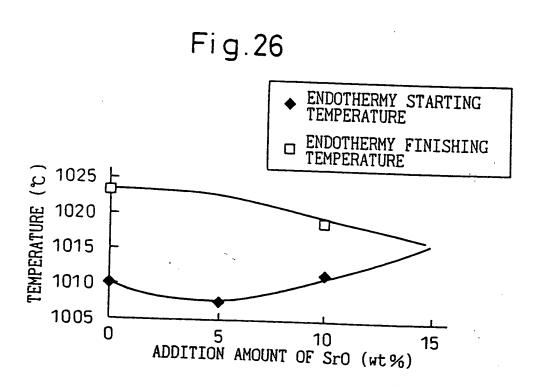


Fig. 27

102

112

111

21

112

113

112

113

113

113

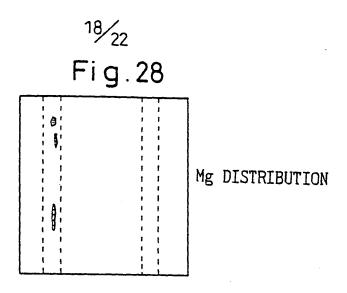


Fig.29

Ca DISTRIBUTION

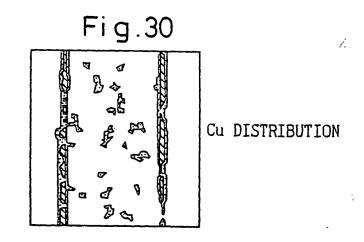
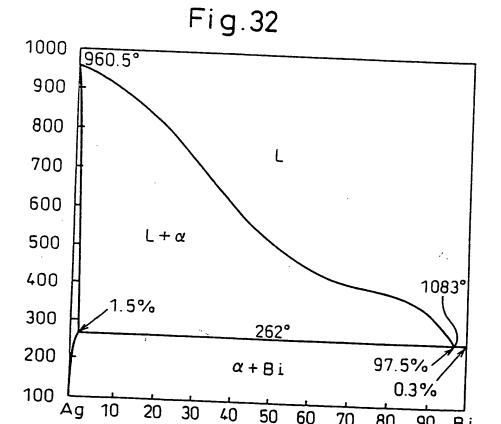




Fig.31 1455° L α L÷α NI



Bi

Fig. 33

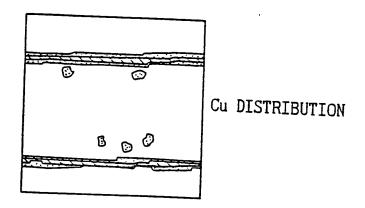


Fig.34

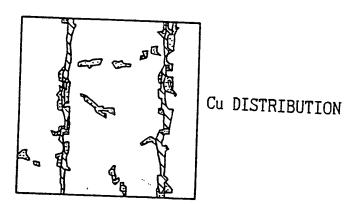


Fig.35

